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- Sugawa, Shigetoshi, Canon Kabushiki Kaisha
Tokyo (JP)
- Kochi, Tetsunobu, Canon Kabushiki Kaisha
Tokyo (JP)

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(71) Applicant: CANON KABUSHIKI KAISHA
Tokyo (JP)

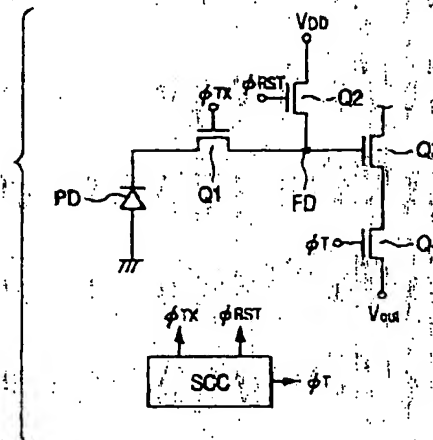
(74) Representative:
Beresford, Keith Denis Lewis et al
BERESFORD & Co. 2-5 Warwick Court, High
Holborn
London WC1R 5DH (GB)

(72) Inventors:
- Kolzumi, Toru, Canon Kabushiki Kaisha
Tokyo (JP)

(54) Solid-state image pickup device and method of resetting the same

(57) A solid-state image pickup device comprises for each pixel a photoelectric converter PD, an input terminal FD of a signal amplifier and a transfer switch TX for transferring an optical signal from the photoelectric converter to the input terminal. The device additionally comprises means for resetting the photoelectric converter by opening the transfer switch TX under a condition of holding the voltage of the input terminal FD to a fixed high level before storing the optical signal in the photoelectric converter PD. With this arrangement, any residual electric charge in the photoelectric converter can be eliminated without paying the cost of reducing the manufacturing yield and degrading the chip performance.

FIG. 1



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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 7)
X	US 5 541 654 A (ROBERTS-PETER C T) 30 July 1996 (1996-07-30) * column 1, line 10-22; figure 2 *	1,8,17,33	H04N3/15
			TECHNICAL FIELDS SEARCHED (Int. Cl. 7)
			H04N
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16 January 2002	Examiner Wahba, A
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosures P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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